A patent medicine, long vended in this state under the name of Chamberlain's Bilious Cordial, was a tincture of this bark combined with various aromatic seeds.

The bark is said to be rubefacient when externally applied, and even capable of exciting a blister. Of this I have had no experience.

BOTANICAL REFERENCES.

Juglans cinerea, Linnæus, *Sp. pl.*—Jacquin, *Ic. rar.* i. *t.* 192.—Willdenow, *arb.* 156.—Wangenheim, *Amer.* 21. *t.* 9. *f.* 21.—Michaux, ii. 191.—Pursh, ii. 636.

Juglans oblonga Retz. *Obs.* i. p. 10.—Juglans cathartica, Michaux, fil. *Arbres forestiers*, i. 165.

MEDICAL REFERENCES.

Thacher, *Disp.* 245.—Bart. *Col.* 23. 32.—Rush, *Med. Obs.* i. 112.

PLATE XXXII.

Fig. 1. *A branch of Juglans cinerea in flower, the leaves not fully expanded.*

Fig. 2. *A scale or barren flower from the ament magnified.*

Fig. 3. *A fertile flower magnified.*

Fig. 4. *The fruit.*

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